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## Ageing of the LHCb Outer Tracker & b-hadron production and decay at $\sqrt{s} = 7$ TeV

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VRIJE UNIVERSITEIT

**Ageing of the LHCb Outer Tracker  
&  
*b*-hadron production and decay  
at  $\sqrt{s} = 7$  TeV**

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan  
de Vrije Universiteit Amsterdam,  
op gezag van de rector magnificus  
prof.dr. V. Subramaniam,  
in het openbaar te verdedigen  
ten overstaan van de promotiecommissie  
van de Faculteit der Exacte Wetenschappen  
op dinsdag 3 november 2015 om 13.45 uur  
in het auditorium van de universiteit,  
De Boelelaan 1105

door

**Rose Footiní Koopman**

geboren te Maastricht

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